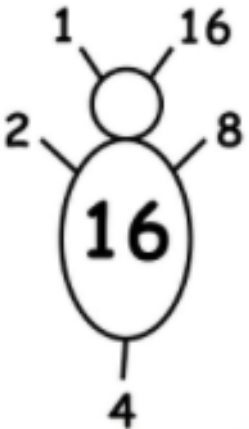


## KIRF Target 27 - I can find factor pairs of a number.

### Factor x Factor = Product

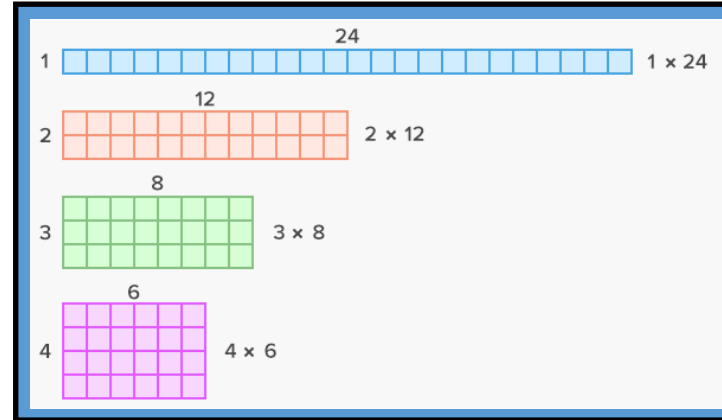


**Make factor bugs!**

Antennas  
Every number has 1 and itself as factors.

Legs  
Pairs of legs multiply together to make the number. Factors come in pairs.

Tail  
Square numbers (the result of multiplying a number by itself) will have a tail.



Make factor arrays!

To find the factors of a number, investigate how many different rectangular arrays you can make with that number of cubes! Here are some of the factors of 24.

Make sure you work systematically! Start with 1 as a factor, then see if 2 is a factor, and so on until you have found them all!



The better you are at your times tables, the easier this skill will be! So keep practising on TTRockstars!

#### How can my parents help at home?

When learning key recall facts it is important to do so little but often. Finding factor pairs is a useful skill for when we are simplifying fractions. Knowing your times tables fluently is helpful in mastering this skill, therefore times tables practise should be done alongside this KIRF.

There will be activities related to this key fact uploaded onto your year group's Google classroom page. These will include worksheets and websites. Try doing some of these at home.

#### Vocabulary

What are the **factors** of 24?

How many factors does 36 have?

**Factor x Factor = Product**

What are the **common factors** of 12 and 16?